

Title (en)  
ANTI-REFLECTIVE FILM

Title (de)  
ANTIREFLEXFOLIE

Title (fr)  
FILM ANTIREFLET

Publication  
**EP 3315305 A4 20181003 (EN)**

Application  
**EP 16884041 A 20161227**

Priority  
• KR 20160002242 A 20160107  
• KR 2016015340 W 20161227

Abstract (en)  
[origin: EP3315305A1] The present invention relates to an antireflection film. The antireflection film includes a low refractive index layer having excellent alkali resistance and exhibiting remarkably improved mechanical properties such as scratch resistance and impact resistance as well as reduction of a glare phenomenon, and a base film exhibiting excellent mechanical strength and water resistance in spite of a thin thickness and having no fear of interference fringes occurring. Therefore, such antireflection film can be used as a protective film of a polarizing plate or used as any other component so as to provide a thin display device, and furthermore, can effectively prevent the glare phenomenon of the display device, and can more improve the durability and lifespan thereof.

IPC 8 full level  
**C08J 7/043** (2020.01); **C08J 7/044** (2020.01); **C08J 7/046** (2020.01); **C08J 7/048** (2020.01); **C09D 5/00** (2006.01); **G02B 1/111** (2015.01); **C08L 67/02** (2006.01); **C08L 83/04** (2006.01)

CPC (source: EP US)  
**B32B 27/08** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **C08J 7/042** (2013.01 - EP US); **C08J 7/043** (2020.01 - EP US); **C08J 7/044** (2020.01 - EP US); **C08J 7/046** (2020.01 - EP US); **C08J 7/048** (2020.01 - EP US); **C08K 3/36** (2013.01 - EP US); **C08K 7/26** (2013.01 - EP US); **C09D 4/00** (2013.01 - EP US); **C09D 5/00** (2013.01 - US); **C09D 5/006** (2013.01 - EP US); **C09D 7/63** (2017.12 - EP US); **C09D 7/65** (2017.12 - EP US); **G02B 1/111** (2013.01 - US); **C08J 2367/00** (2013.01 - US); **C08J 2367/02** (2013.01 - EP US); **C08J 2435/02** (2013.01 - US); **C08J 2483/04** (2013.01 - EP US)

Citation (search report)  
• [Y] JP 2014065887 A 20140417 - TOYO BOSEKI  
• [Y] DATABASE WPI Week 201504, Derwent World Patents Index; AN 2014-W35826, XP002784102  
• See references of WO 2017119658A1

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EP3715921A4; EP3243884B1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3315305 A1 20180502; EP 3315305 A4 20181003; EP 3315305 B1 20210310**; CN 107921757 A 20180417; CN 107921757 B 20210402; JP 2018525667 A 20180906; JP 6672579 B2 20200325; KR 102016710 B1 20190902; KR 20170082918 A 20170717; US 11548992 B2 20230110; US 2018217297 A1 20180802; US 2021206936 A1 20210708; WO 2017119658 A1 20170713

DOCDB simple family (application)  
**EP 16884041 A 20161227**; CN 201680051166 A 20161227; JP 2018503488 A 20161227; KR 20160002242 A 20160107; KR 2016015340 W 20161227; US 201615747368 A 20161227; US 202117205735 A 20210318